

Philips widescreen flat TV with Pixel Plus 2 HD

42"

LCD Progressive scan

# 42PFL7332















# Turn up your viewing experience

with Pixel Plus 2HD

Experience the superior picture quality of this excellent Flat TV with the latest LCD technology. It's packed into a stunning design that will complement your interior.

## Immersive viewing experience

- HD ready for the highest quality display of HDTV signals
- · Pixel Plus 2 HD improves details in standard TV and HDTV
- · Dynamic contrast enhancer delivering rich black details

# Better quality images that reveal more detail

• Digital Natural Motion produces smooth, judder free images

#### **Superb sound reproduction**

· Virtual Dolby Surround for a cinema-like audio experience

# Slim, stylish design to complement your interior

- · Matching stand with elegant design included
- · Compact and slim design that fits in every room

#### For advanced performance

• Dual HDMI input for full digital High Definition connection



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**Dimensions** 

**Accessories** 

gloss

Mains power: AC 220 - 240 V +/- 10%

Colour cabinet: RHCM black deco front, 30%

Box dimensions (W  $\times$  H  $\times$  D):

Product weight (+stand): 32 kg

Set dimensions with stand (W x H x D):

VESA wall mount compatible: 600,400 mm

Set dimensions (W  $\times$  H  $\times$  D): 1046 x 686 x 116 mm

1046 x 748.6 x 287.5 mm

· Weight incl. packaging: 40 kg

1108 x 780 x 277 mm

Product weight: 30 kg

## **Specifications**

## Picture / Display

- Aspect ratio: 16:9
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Progressive scan, 3D combfilter, Active Control & Light sensor, Digital Natural Motion, Jagged line suppression, Widescreen plus, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, Pixel Plus 2 HD, Active Control
- Screen enhancement: Anti reflection coated screen
- Panel resolution: 1366 x 768p
- Viewing angle: 176° (H) / 176° (V)
- Brightness: 550 cd/m<sup>2</sup>
- Dynamic screen contrast: 4000:1
- Response time (typical): 5 ms

## **Supported Display Resolution**

Computer formats

Resolution Refresh rate  $640 \times 480$ 60Hz  $800 \times 600$ 60Hz  $1024 \times 768$ 60Hz

Video formats

Refresh rate Resolution  $640 \times 480i$ **IFh**  $640 \times 480p$ 2Fh 720 x 576i **IFh**  $720 \times 576p$ 2Fh  $1280 \times 720p$ 3Fh 1920 x 1080i 2Fh

#### Sound

- Sound enhancement: Digital signal processing, Dynamic bass enhancement, Graphic equaliser
- Sound system: Virtual Dolby Digital
- Output power (RMS): 2x15W

# Loudspeakers

- Built-in speakers: 2
- Loudspeaker types: Dome tweeter

#### Convenience

- Ease of installation: Auto programme naming, Automatic Channel Install (ACI), Automatic tuning, Plug & Play
- leveller (AVL), Delta volume per preset, Graphical user interface, Side Control, Program list, 4 favourite lists
- Teletext: 1200 page hypertext
- Teletext enhancements: Habit watch, Program information line
- Picture in Picture: Text dual screen
- Screen format adjustments: Auto format, Subtitle and heading shift, Movie expand 14:9, Movie expand 16:9, 4:3, Super Zoom, Widescreen, 6 widescreen modes
- Clock: Smart clock
- Child Protection: Child lock & parental control
- Electronic Programme Guide: Now + Next EPG
- VESA Mount: Vesa compliant

#### Tuner / Reception / Transmission

- Tuner bands: Hyper band, S channel, UHF, VHF
- TV system: PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- Video playback: NTSC, PAL, SECAM
- Aerial input: 75 ohm coaxial (IEC75)

## Connectivity

- Ext I Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB, S video in, S-video out
- Ext 4: HDMI
- Ext 5: HDMI
- Other connections: Analogue audio left / right out, S/PDIF out (coaxial), S/PDIF in (coaxial)
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S video in, USB
- Ext 3: YPbPr

## Power

- Power consumption: 248 W
- Standby power consumption: < I W

## Ambient temperature: 5 °C to 40 °C

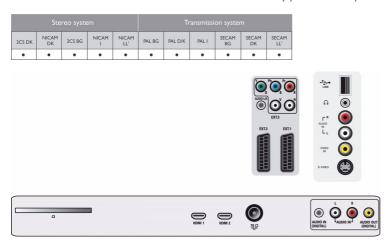
- Tuning System (ATS), Auto store, PLL digital
- Ease of Use: On screen display, Auto volume
- Remote control type: RACER RC

- Remote control: TV

- Optional accessories: Floor stand
- Included accessories: Table top stand, Power cord, Registration card, Remote control, User manual, Warranty certificate, Batteries for remote control

#### **Multimedia Applications**

- Multimedia connections: USB (streaming video capable)
- Playback formats: JPEG still pictures, MP3, MPEG I, MPEG2, Slideshow files (.alb)





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## **Product highlights**

#### **HD Ready**

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

#### Pixel Plus 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colours and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

#### Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times\*, and at the same time improves the viewing angle. It gives a bright, lifelike picture with high contrast and vibrant colours, (\* factor between 2 and 5, screen type and picture content dependant).

#### By packed tabletop stand

A table-top stand with matching design is packed with the set

#### **Digital Natural Motion**

Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

## **Dual HDMI** input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

#### Virtual dolby surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity for additional rear speakers. You become totally immersed in your television experience.

